



NORTH CAROLINA
Department of Transportation



Respirable Crystalline Silica Awareness

August 2019

Goals of this Webinar

- Show NCDOT personnel how to access the Silica Awareness Training through LMS
- CEI inspectors will need to have training as well
- Discuss the threat of Respirable Crystalline Silica
- Tips for recognizing Silica Hazards
- How should Contractors/ Subcontractors be protecting themselves
 - Applied vs. Integrated Engineering Controls on Equipment
- Expected Employee response when you recognize a hazardous event on the jobsite
 - Document that you told the exposed employee and their company

Finding the Training Online

Start at www.inside.ncdot.gov

The screenshot shows the 'Inside NCDOT' website, which serves as a resource and news hub for NCDOT employees. The browser address bar indicates the URL is <https://inside.ncdot.gov/Pages/Home.aspx>. The website features a dark blue header with the 'Inside NCDOT' logo and tagline 'Resources & News for NCDOT Employees'. A search bar is located in the top right corner. Below the header, a navigation menu includes links for Home, Employees, Transportation Services, DMV, Business & Administration, and a Site Map. The main content area is divided into several sections:

- Mission & Goals**, **Glossary & Acronyms**, and **Document Library** are listed on the left sidebar.
- The **Employee Contact Directory** is also accessible via a link.
- A **Your Feedback** section encourages users to 'Make This Site Better'.
- The **Secretary's Message** section, dated July 23, 2019, discusses the NC FIRST Commission's second public meeting and the challenges of a changing industry.
- The **G.R.E.A.T.** (Good to Great) section features a graphic and the tagline 'Want to go from good to great?'.
- A **Payroll Calendar** link is provided.
- The **More Inside** section lists various resources: Board of Transportation (Agendas, meeting minutes and more), Electronic News Clips (A library of news articles related to NCDOT), Employee Benefits (Contact Information for NCDOT staff), Legislative Updates (Stay up to date with the North Carolina legislative updates), N.C. Valuing Individual Performance (Information on the NCVP), New Bern Parking (Request parking beside the Transportation Building on New Bern Place), Newsworthy Field Notes (Updates from the field), and PowerPoint Templates and graphic resources (Official NCDOT PowerPoint templates, images, etc.).

Finding the Training Online

Scroll to the bottom of the page

The screenshot shows the ncdot.gov website with a large red arrow on the left pointing downwards, indicating the instruction to scroll to the bottom. On the right, a red arrow points to the 'BEACON' link in the 'State Links' section of the footer, with the text 'Click on BEACON' next to it. The footer section is titled 'All NCDOT System Links' and contains three columns of links.

Get Help

- Website Help
- Cust. Service: 1-877-DOT-4YOU

NCDOT Help Desk

- NCDOT Raleigh: (919) 707-7000
- NCDOT Statewide: (800) 368-2778
- ITS Help Desk: (919) 754-6000

NCDOT System Links

- Citrix
- Connect NCDOT
- Contact Us Login for SMEs
- Employee Contact Directory
- ETRACS
- File Transfer System (FTS)

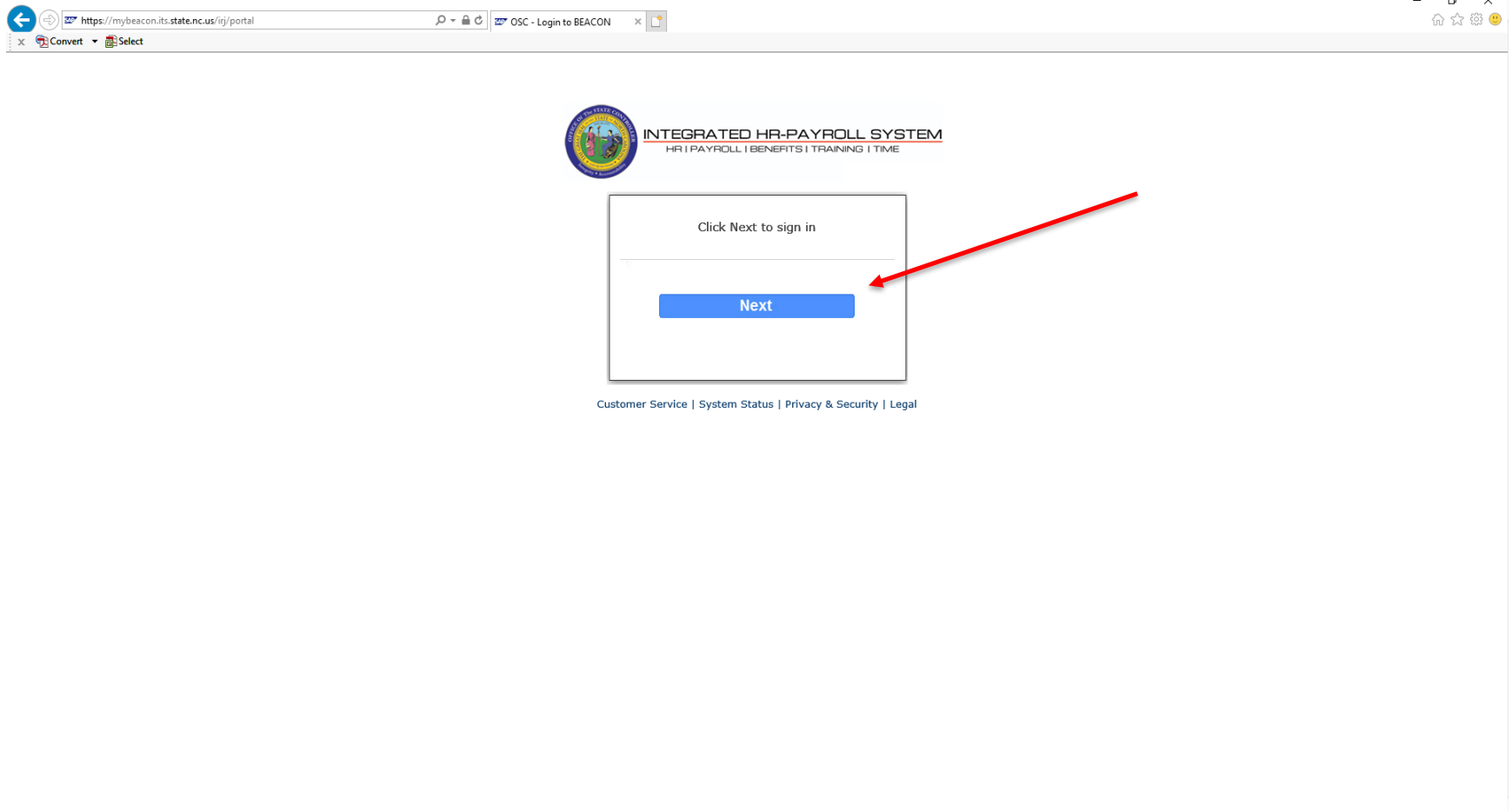
State Links

- BEACON**
- Government's Choice
- NC State Employee Directory
- NC.gov
- NCID
- State Health Plan

All NCDOT System Links

Finding the Training Online

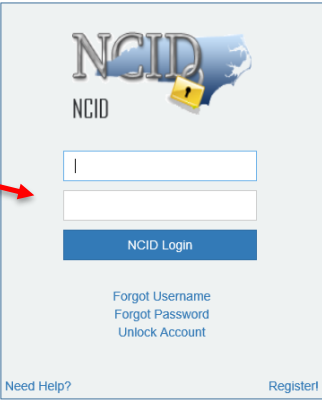
Once on BEACON's Main Portal Page, Click Next



Finding the Training Online

Log In with NCID credentials

Enter your NCID User Name and Password



The screenshot shows a web browser window with the URL <https://idpprod.nc.gov:8443/nidp/saml2/sso?id=6&sid=0&option=credential&sid=0>. The page title is "idpprod.nc.gov". The main content area features a login form with the NCID logo (a blue globe with a yellow padlock) and the text "NCID". Below the logo are two input fields: the top one contains a single character "I", and the bottom one is empty. A blue button labeled "NCID Login" is positioned below the password field. Underneath the button are three links: "Forgot Username", "Forgot Password", and "Unlock Account". At the bottom of the form are two links: "Need Help?" and "Register!". Above the form is a pink banner with the text "NCID Post Upgrade Tips". Below the form are two links: "Privacy and Other Policies" and "Contact Us". At the very bottom is a warning message: "WARNING: This is a government computer system, which may be accessed and used only for authorized business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil and/or administrative action. NCC744".

NCID Post Upgrade Tips

NCID

NCID Login

Forgot Username
Forgot Password
Unlock Account

Need Help? Register!

Privacy and Other Policies Contact Us

WARNING: This is a government computer system, which may be accessed and used only for authorized business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil and/or administrative action. NCC744

Finding the Training Online

At the BEACON Welcome Screen, Click on LMS & NCVIP tab

The screenshot shows the BEACON Welcome Screen in a web browser. The address bar displays <https://mybeacon.its.state.nc.us/irj/portal>. The page header includes a welcome message: "Welcome: WILEY JONES III : 00849032". Below the header, there is a navigation bar with four tabs: "Home", "My Data (ESS)", "My Staff (MSS)", and "LMS & NCVIP". The "LMS & NCVIP" tab is highlighted with a red rectangle. The main content area is titled "Welcome to the OSC Integrated HR-Payroll System" and contains a "News of Interest" section. The "News of Interest" section includes a "NOTICE:" about phishing and a list of "Other Notes of Interest". The right sidebar contains links to various North Carolina government services, including "www.nc.gov", "www.ncflex.org", "www.myncrretirement.com", "www.shpnc.org", "www.osc.nc.gov", and "www.oshr.nc.gov".

Home - INTEGRATED HR-P... x

Convert Select

Welcome: WILEY JONES III : 00849032

Help Log off

Home My Data (ESS) My Staff (MSS) **LMS & NCVIP**

Home > Home

Quick Links

My Time

My Pay

Welcome to the OSC Integrated HR-Payroll System

This system provides you with the tools you need to better access and manage your state benefits and personal information. For additional support information, visit the BEST Shared Services website at www.osc.nc.gov/state-employees/BEST. If you need assistance while using the site, please call the BEST Shared Services Center from 8 a.m. to 5 p.m., Monday through Friday, at 919-707-4707 if local to Raleigh or 1-866-NCBEST4U (1-866-622-3784) outside the Raleigh area.

Note: The portal will be unavailable weekdays from 8 to 9 p.m. and on Sundays from 2 to 8 p.m. for regular maintenance.

News of Interest

NOTICE:

Remember, Phishing is real! The Integrated HR/Payroll System will NEVER send you an email with a link asking for your NCID and/or password. If you receive such an email, treat it as SPAM and report it immediately.

Other Notes of Interest

- Internet Explorer 11 and Microsoft Edge are the only browsers recommended for use and supported by the Integrated HR/Payroll System support staff. If you experience issues, check with your agency's technical support team to see if an SAPGUI upgrade is needed.

Note: The portal will be unavailable weekdays from 8 to 9 p.m. and on Sundays from 2 to 8 p.m. for regular maintenance.

www.nc.gov

NCFLEX
www.ncflex.org

North Carolina
Total Retirement Plans
www.myncrretirement.com

State Health Plan
www.shpnc.org

www.osc.nc.gov

www.oshr.nc.gov

Finding the Training Online

Once on the LMS & NCVIP Learning Tab, Click Submit

Welcome: WILEY JONES III : 00849032

Home My Data (ESS) My Staff (MSS) LMS & NCVIP

LMS & NCVIP

Welcome NC Learning Center

Note: The application will open in a new window/tab. You will be automatically logged into the LMS & NCVIP system, but it is your responsibility to log out of each application.

By clicking the submit button you:

- Understand that you are leaving the OSC Integrated HR-Payroll System
- Understand that you are responsible for logging out of each application when finished

Click "Submit" to enter NC Learning Center

Submit

If you have trouble connecting, please click [here](#) for an FAQ Help document.
If you have questions about LMS content, please contact your agency [LMS Coordinator](#).
Contact BEST Shared Services at BEST@osc.nc.gov if additional assistance is required.

Click Submit

Finding the Training Online

At the NC Learning Center Welcome Screen, Hover your mouse over the Learning Tab

https://ncgov.csod.com/LMS/catalog/Welcome.aspx?tab_page_id=-67&tab_id=-1

Welcome NC Learning Center

Home Learning Leadership Training My Team Reports ILT Admin Performance New Connect

Hello, Wiley, let's get started.

My Training and Transcript

Browse for Training

Connect

Valuing Individual Performance (VIP)

Learn More

HR Learning Zones

Event Calendar

My Task List

Cornerstone

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Finding the Training Online

Drag the mouse down to Browse for Training, then Click

Click

Hover your cursor over “Training” until the dropdown selections appear. Then, hover your cursor over “Browse for Training” and click.

Finding the Training Online

In the Search Box on the upper right, type Silica

The screenshot shows the NC Learning Center website. At the top, there is a navigation bar with links: Home, Learning, Leadership Training, My Team, Reports, ILT Admin, Performance, and New Connect. Below this is a search bar with the text "Search Silica" and a red box around it. A red arrow points from the text "Type 'Silica' in Browse for Training" to the search bar. The main content area is titled "Browse for Training" and shows 1577 Results. The results are listed in a table with columns for Title, Event, and Material. The first result is "1099 - 1099 Processing" (Event - Office of State Controller). The second result is "2017 Rigid Pipe Training" (Event - Transportation). The third result is "2017-18 Employee Grievance Policy" (Material - Transportation). The fourth result is "2018 Construction Unit Webinar Series" (Event - Transportation). The fifth result is "2018 Maintenance Engineers Technical Training Sessions (METTS)" (Event - Transportation). The sixth result is "2018 State Employees Wellness & Safety Expo Volunteer Training" (Material - State of NC).

Search Silica

Browse for Training 1577 Results

By Title ▼

1099 - 1099 Processing
Event - Office of State Controller
This class is for users of the North Carolina Accounting System (NCAS). You must have a valid RACID and NCAS Operator ID before registering for this class. Anyone registered without this information will be denied the class with notice to the student. 1099 process overview, establishing... [read more](#)

2017 Rigid Pipe Training
Event - Transportation
The Department is partnering with the American Concrete Pipe Association (ACPA) to provide regional training. The training will include design/selection, installation and inspection of rigid pipe. Attendees should include Resident/District Engineers, Assistant Resident/District Engineers, lead... [read more](#)

2017-18 Employee Grievance Policy
Material - Transportation

2018 Construction Unit Webinar Series
Event - Transportation
Discuss construction contract administration processes that promote project delivery.

2018 Maintenance Engineers Technical Training Sessions (METTS)
Event - Transportation
Develop a greater understanding of funding, reporting requirements and support systems established to enhance work efforts.

2018 State Employees Wellness & Safety Expo Volunteer Training
Material - State of NC
This is the training that is required for those employees volunteering to work during the Wellness & Safety Expo this year.

Type "Silica" in
Browse for
Training

Finding the Training Online

Hover the cursor down over Silica Awareness Training, then Click

The screenshot shows the NC Learning Center website. The top navigation bar includes links for Home, Learning, Leadership Training, My Team, Reports, ILT Admin, Performance, and New Connect. A search bar in the top right corner has "Silica" entered, and a dropdown menu shows "Training" results: "Silica Awareness Training" and "Silica Competent Person Training". A red box highlights the search bar and dropdown, with a red arrow pointing to the "Silica Awareness Training" option. Below the navigation bar, the "Browse for Training" section displays 1577 results. The left sidebar contains filters for Training (My Subjects, Featured, Suggested, Popular, Newest), Subject (BEACON HR Payroll, Business, Administration and Finance, Compliance & Regulatory, Healthcare, Human Resources, Policies and Procedures, Professional Development, Technical Training (job specific), Technology), and Type (various icons). The main content area lists several training items:

- 1099 - 1099 Processing**
Event - Office of State Controller
This class is for users of the North Carolina Accounting System (NCAS). You must have a valid RACFD and NCAS Operator ID before registering for this class. Anyone registered without this information will be denied the class with notice to the student. 1099 process overview, establishing... [read more](#)
- 2017 Rigid Pipe Training**
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- 2017-18 Employee Grievance Policy**
Material - Transportation
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Event - Transportation
Discuss construction contract administration processes that promote project delivery.
- 2018 Maintenance Engineers Technical Training Sessions (METTS)**
Event - Transportation
Develop a greater understanding of funding, reporting requirements and support systems established to enhance work efforts.
- 2018 State Employees Wellness & Safety Expo Volunteer Training**
Material - State of NC
This is the training that is required for those employees volunteering to work during the Wellness & Safety Expo this year.

Click on Silica Awareness Training

Finding the Training Online

For the Silica Awareness Training - Click on Open Curriculum

The screenshot displays the 'Transcript: Natalie Roskam' page in the ncdot.gov system. The page header includes navigation tabs: Home, Learning, Leadership Training, Reports, ILT Admin, Performance, Admin, and New Connect. Below the header, the user's name 'Natalie Roskam' is shown, along with tabs for Bio, Transcript (selected), Actions, and Snapshot. The main content area shows the transcript title and a sub-header 'Transcript: Natalie Roskam'. Below this, there are filters for 'Active', 'By Date Added', and 'All Types', and a search bar labeled 'Search for training'. The search results section shows one result: 'Silica Awareness Training' with a due date of 'No Due Date' and status of 'In Progress'. A red box highlights the 'Open Curriculum' button next to the training result, with a red arrow pointing to it from below.

Home Learning Leadership Training Reports ILT Admin Performance Admin New Connect

Natalie Roskam Bio Transcript Actions Snapshot

Transcript: Natalie Roskam

Use the transcript to manage all training.

8.25 HRS
AGGREGATE TRAINING COMPLETED

FISCAL YEAR ENDING 6/30/2020

COST \$0.00

Active By Date Added All Types

Search for training

Search Results (1)

Silica Awareness Training
Due: No Due Date Status: In Progress

Open Curriculum

Click on Open Curriculum

Finding the Training Online

Click on Launch for OSHA – Silica Hazards (Vivid)

Silica Awareness Training

 Move to Archived Transcript

Training Details


Training Type: Curriculum
Provider: Transportation
Version: 1.0
Training Hours: 0 Hours 34 Min
Description:
Status: In Progress
Training Purpose:
Due Date: None
Department Goal Supported: Make transportation safer.
EE Code:
EE Code (Training):

Click on Launch

Curriculum

Select A Training View

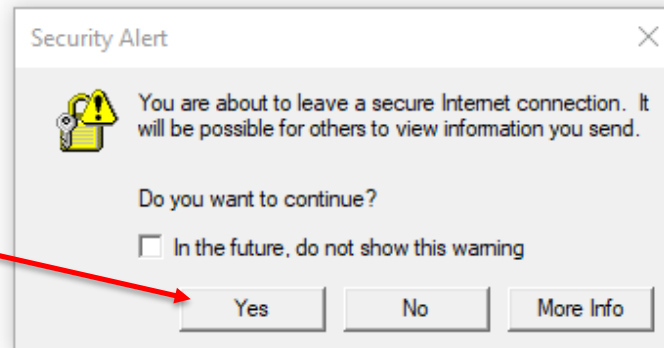
☒ All Training ☐ Activated Training ☐ Not Activated Training

TITLE (CLICK ON ▼ TO SEE COURSE DESCRIPTION)	TYPE	DUE DATE	EXCUSED	STATUS	OPTIONS	DETAILS
▼ OSHA - Silica Hazards (Vivid)	Online Class	None	No	Registered	Launch	
▼ Respirable Crystalline Silica Awareness Training	Video	None	No	Registered	Launch Mark Complete	

Finding the Training Online

Accept the Security Alert, if it pops up.

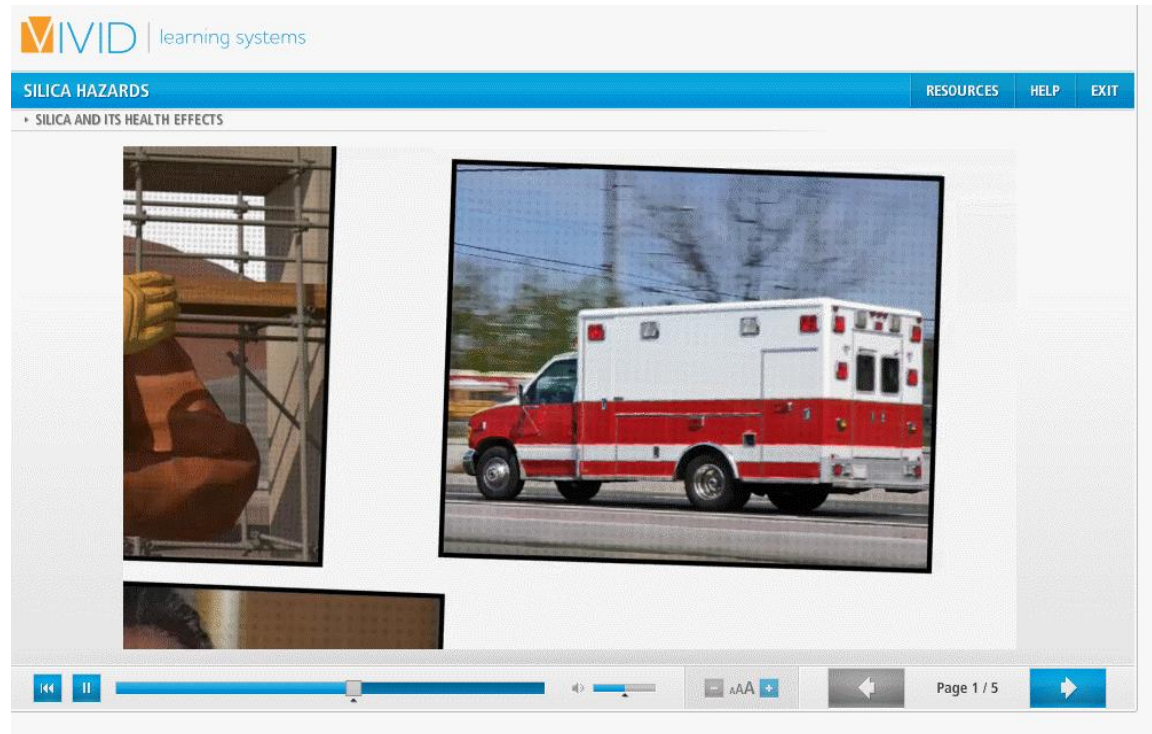
Click on Yes



Loading title. One moment please....

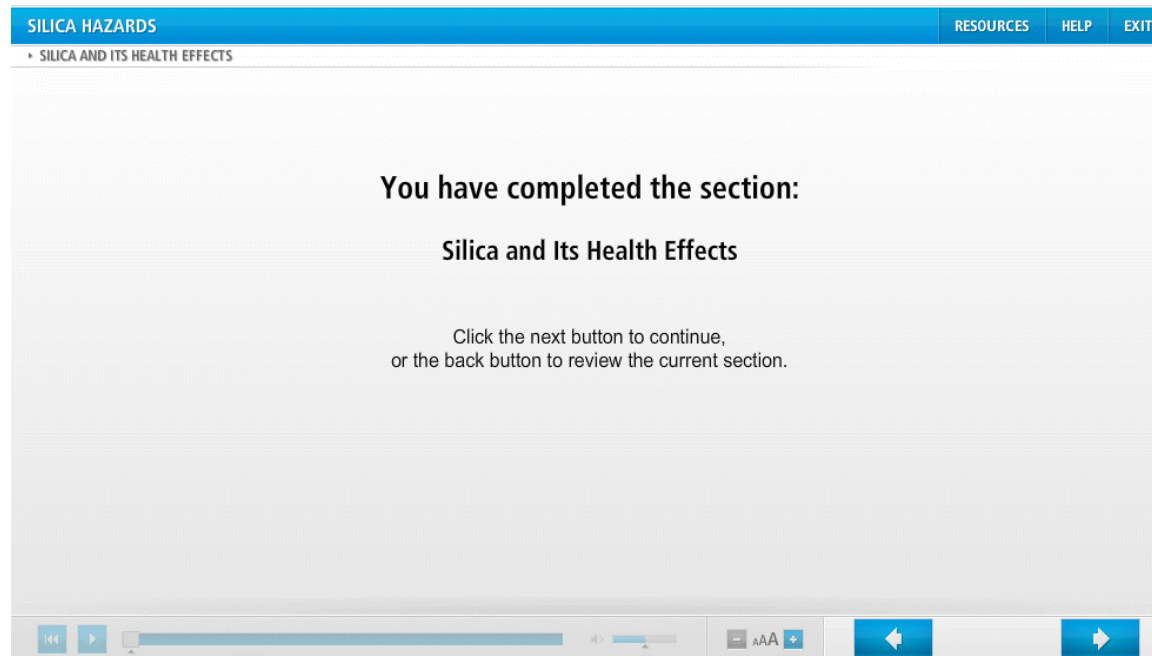
Finding the Training Online

The OSHA – Silica Hazards (Vivid) presentation should start playing, you will need to follow along and answer questions throughout the presentation. There is a short test at the end of the presentation.



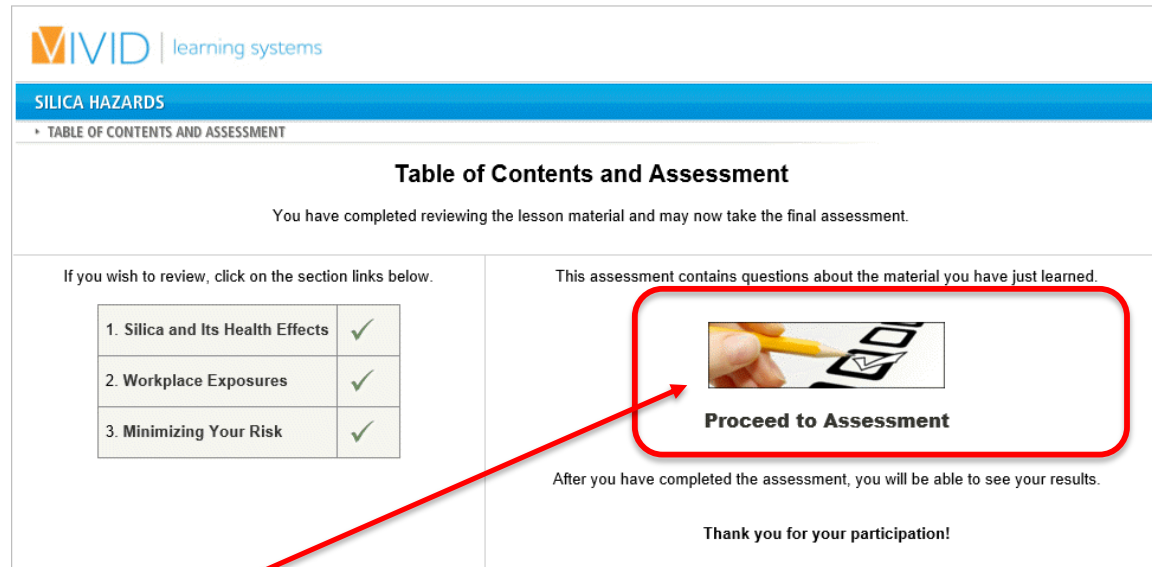
Finding the Training Online

Once you have completed the section, there is still one more part to the safety awareness training.



Finding the Training Online

Once you have completed the sections, Proceed to the Test.



MIVID | learning systems

SILICA HAZARDS

► TABLE OF CONTENTS AND ASSESSMENT


Table of Contents and Assessment

You have completed reviewing the lesson material and may now take the final assessment.

If you wish to review, click on the section links below.

1. Silica and Its Health Effects	✓
2. Workplace Exposures	✓
3. Minimizing Your Risk	✓

This assessment contains questions about the material you have just learned.



Proceed to Assessment

After you have completed the assessment, you will be able to see your results.

Thank you for your participation!

Click on Proceed to Assessment

Finding the Training Online

Hopefully, you will pass the Assessment and will have completed the Silica Awareness Training,

Completed ▾ By Completion Date ▾ All Types ▾

Search for training 

Search Results (182)



Silica Awareness Training

Completed: 7/26/2019 Status: Completed

View Certificate ▾

Finding the Training Online

Click on Launch for Respirable Crystalline Silica Awareness Training

Silica Awareness Training

 Move to Archived Transcript

Training Details

Training Type: Curriculum

Provider: Transportation

Version: 1.0

Training Hours: 0 Hours 34 Min

Description:

Status: In Progress

Training Purpose:

Due Date: None

Department Goal Supported: Make transportation safer.

EE Code:

EE Code (Training):

Click on Launch

Curriculum

Select A Training View

☒ All Training ☐ Activated Training ☐ Not Activated Training

TITLE (CLICK ON  TO SEE COURSE DESCRIPTION)	TYPE	DUE DATE	EXCUSED	STATUS	OPTIONS	DETAILS
 OSHA - Silica Hazards (Vivid)	Online Class	None	No	Registered	Launch	
 Respirable Crystalline Silica Awareness Training	Video	None	No	Registered	Launch Mark Complete	

Finding the Training Online

Watch the 4 Minute Training Video

The screenshot displays the NC Learning Center website interface. At the top, there is a blue banner with the text "Welcome" and "NC Learning Center". Below the banner is a navigation menu with links: Home, Learning, Leadership Training, My Team, Reports, ILT Admin, Performance, and New Connect. A search bar is located on the right side of the banner. Below the navigation menu, the page title "Respirable Crystalline Silica Awareness Training" is visible. The main content area features a video player for the "Respirable Crystalline Silica AWARENESS TRAINING" video, which is presented by the "NORTH CAROLINA Department of Transportation". The video player includes a play button, a progress bar showing 0:07 / 4:00, and a "Watch later" button. Below the video player, there is a "Back" button and the Cornerstone logo. The footer of the page contains the text "Powered by Cornerstone OnDemand, Inc. ©2000-2019 All Rights Reserved. Terms - Privacy - Cookies".

Silica can be found in

- Rock,
 - Sand
 - Brick
 - Stone
-
- It creates an inhalation hazard when it becomes airborne as a dust!

Silica Exposure Hazards

- The most damaging particle size to the lungs is less than 4 microns, a fraction of the size of a human hair.
- Particles of this size may not be easily visible.
- Therefore, even when you don't see visible dust, you may still be exposed.

High Exposure Situations

- Areas of concern for Silica Exposure at NCDOT include:
 - Enclosed Areas
 - High Powered Tools
 - Long Periods of dust exposure

Common Activities at NCDOT where exposure may occur

- Concrete or Asphalt Cutting
- Asphalt Milling
- Jackhammering
- Broom Truck Operation
- Surface Grinding
- Dry grout/ quickrete mixing
- Patching Operations
- Concrete or Asphalt QA testing

This is not an exhaustive list, as exposure can occur with any activity that creates silica dust.

How to we control our exposure?

- Elimination and substitution are preferred means of protection, however for silica these options may not be feasible.
- Implementation of Engineering Controls, administrative controls and personnel protective equipment

Keeping Down the Dust!

The main goal in silica protection is keeping down the dust! This is primarily achieved by

- Water Application
- Ventilation or
- Vacuuming

Visible dust increases the likeliness of the presence of Respirable Crystalline Silica.

Applied vs. Integrated Engineering Controls

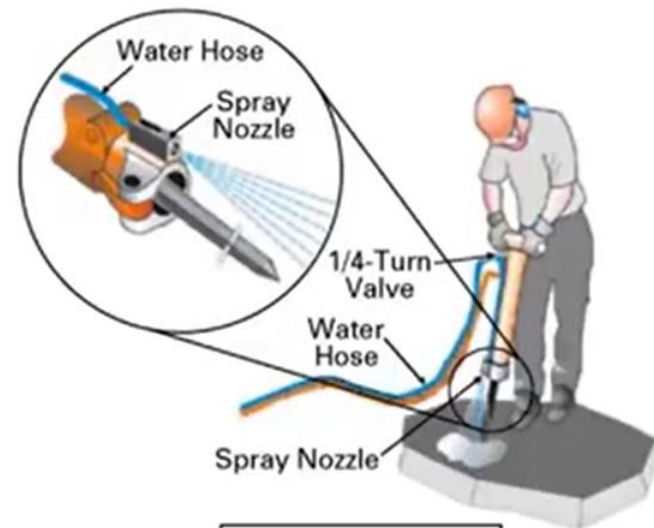
- Applying water to a saw will often reduce the amount of dust generated from the operation

Engineering Controls

- Wet methods



Applied



Integrated

We Should no longer be seeing

- Visible dust plumes from sawing or grinding operations
 - Concrete Pipe cutting
 - Brick cutting
 - Grinding sidewalk bumps
- Dust plumes are a hazard to our employees and the traveling public.
- Remember the particles that you can't see are the most dangerous to lungs.

Written Exposure Control Plan

- NCDOT has a comprehensive listing of silica-related activities and required controls.
- All supervisors should be familiar with this document.

Finding the Written Exposure Control Plan

From the Inside NCDOT webpage, search for Silica

The screenshot shows the 'Inside NCDOT' website, which is a resource and news portal for NCDOT employees. The page features a navigation bar with links to Home, Employees, Transportation Services, DMV, Business & Administration, and a Site Map. A search bar is located in the top right corner, with the text 'Search this site...' and a 'SEARCH' button. A red box highlights the search bar, and a red arrow points to it from the text 'Type Silica and Click on Search' on the right side of the image. The main content area displays a 'Secretary's Message' dated July 23, 2019, and a 'G.R.E.A.T.' section. The left sidebar contains links to Mission & Goals, Glossary & Acronyms, Document Library, Employee Contact Directory, and Your Feedback. The bottom left corner shows the URL 'https://inside.ncdot.gov/Business'.

Inside NCDOT
Resources & News for NCDOT Employees

Search this site... SEARCH

Home Employees Transportation Services DMV Business & Administration Site Map

Mission & Goals
Glossary & Acronyms
Document Library
Employee Contact Directory
Your Feedback: Make This Site Better

INSIDE NCDOT
Secretary's Message
July 23, 2019
On July 12, the NC FIRST Commission held its second public meeting to hear ideas and discuss new ways to invest in transportation strategies in our state. I was glad to see Commission members asking questions, leading discussions and gaining insight from our subject experts. Remember, this Commission is charged with studying trends and understanding the impact new technologies and demographic changes have on our current investment model. If you were not able to watch the livestream of the meeting, I encourage you to watch the video on the Commission's website.

THE FACTS:
North Carolina's population continues to rise but it is uneven. The state is becoming a more urban place to live and work. Advancements in alternative fuel sources and technology are changing the way we travel. Even Mother Nature has challenged the way we design, repair and maintain our network. Our industry is changing, and this department will lead that change. Our first challenge is to define a new transportation investment model. The current investment model, with its reliance on the gas tax, will increasingly be out of date. It is not sustainable to support the state's growth and future needs over the coming decades. I look forward to the Commission's ideas and recommendations for the investment model of our state's future. I urge you to stay up-to-date and educated with its progress, too. Visit ncdot.gov/ncfirst for more information, videos, and the complete NC FIRST Commission meeting schedule. James H. Trogon, III Secretary

G.R.E.A.T.
Want to go from good to great?

Payroll Calendar

More Inside
[Board of Transportation](#) Agendas, meeting minutes and more
[Electronic News Clips](#) A library of news articles related to NCDOT
[Employee Benefits](#) Contact information for NCDOT staff
[Legislative Updates](#) Stay up to date with the North Carolina legislative updates
[N.C. Valuing Individual Performance](#) Information on the NCVIP
[New Bern Parking](#) Request parking beside the Transportation Building on New Bern Place
[Newsworthy Field Notes](#) Updates from the field
[PowerPoint Templates and](#) Official NCDOT

<https://inside.ncdot.gov/Business>

Type Silica and Click on Search

Finding the Written Exposure Control Plan

From the Inside NCDOT webpage, search for Silica

Inside NCDOT
Resources & News for NCDOT Employees

Search: silica

Home Employees Transportation Services DMV Business & Administration Site Map

INSIDE SEARCH • SEARCH RESULTS

Search Results

Modified Date: silica

Relevance: [v]

One Year Ago Today

All

File Type

Email
Excel
PDF
Web page
Word
Zip

Author

System Account
William M. Gwyn
Alspaugh, Jeffrey E.
Strickland, Lori A.
Michael D Patton

SPP 1926.1153A NCDOT Silica Exposure Control Plan 2019
OSHA's 29 CFR 1926.1153 Respirable Crystalline Silica Standard for Construction and 29 CFR 1910.1053 Respirable Crystalline Silica Standard for General Industry ...
insidencdot.gov/.../SPP-1926.1153A NCDOT Silica Exposure Control P...
Authors: Alcala-Jarvis K, Gray/Roberts, Paul E Date: 5/23/2019 Size: 1 M

Alkali-Silica Reactive Aggregates
Alkali-Silica Reactive Aggregates The following aggregate sources have exhibited ... Concrete mix designs with these aggregates require a pozzolan if the alkalinity of the cement ...
connect.ncdot.gov/.../Alkali-Silica Reactive Aggregates.pdf
Authors: Kim Buttry Date: 5/5/2010 Size: 3 K

Alkali-Silica Reactive Bulletin
between the alkali hydroxides in concrete and reactive forms of silica in the aggregate ... of the cement 2. Reactive forms of silica in aggregate 3. Sufficient Moisture If one of ...
connect.ncdot.gov/resources/.../Alkali-Silica Reactive Bulletin.pdf
Authors: Kim Buttry/System Account Date: 8/11/2014 Size: 65 K

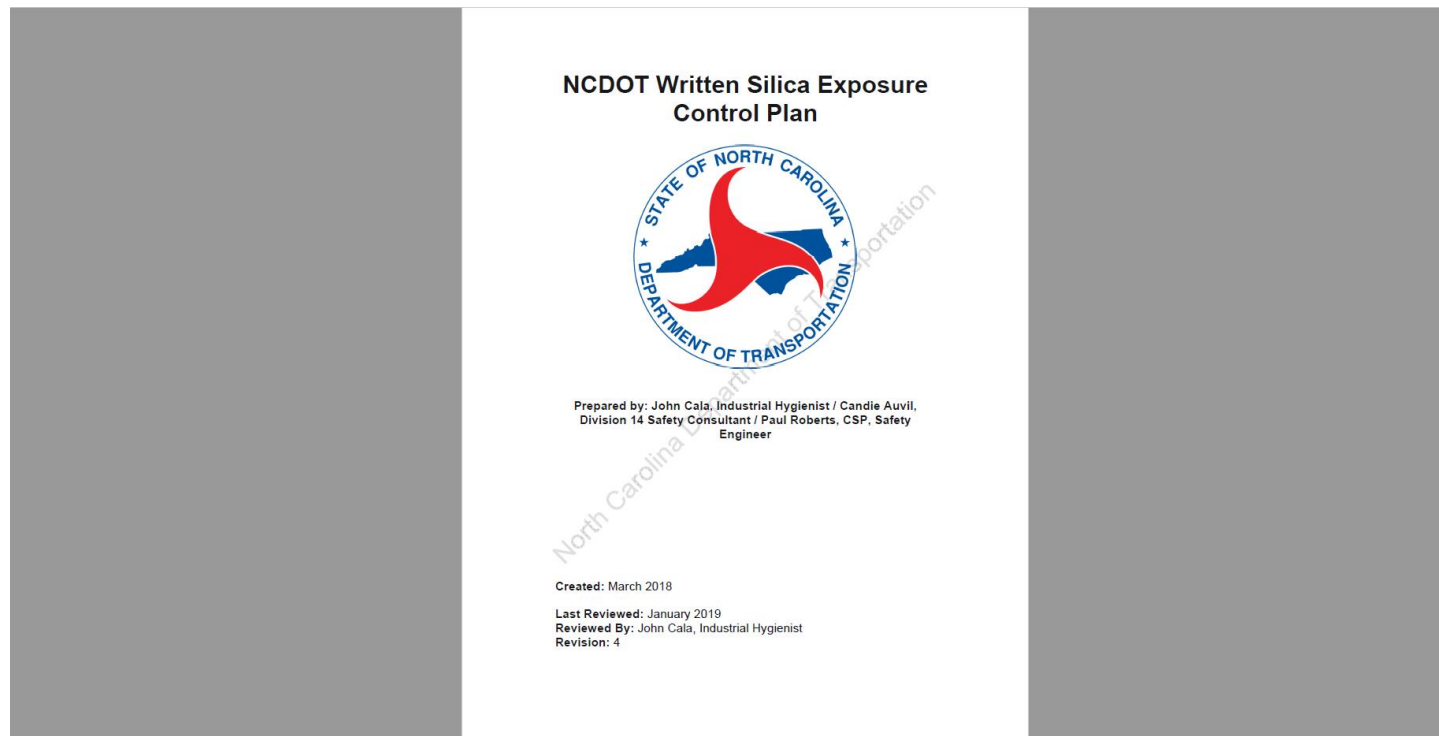
Silica Awareness Training
Register Now for Silica Awareness Training Classes ... Connect NCDOT > Doing Business > Safety > Silica Awareness Training ... Available dates are listed in the calendar below ...
connect.ncdot.gov/business/.../Pages/Silica-Awareness-Training.aspx
Authors: System Account Date: 2/7/2019 Size: 117 K

Site Map
Directory of all the available content on Connect NCDOT ... Consultants How to do business with DOT, the guidelines that must be met, and where to find advertised work. Guidelines ...

Click on NCDOT Silica Exposure Plan 2019

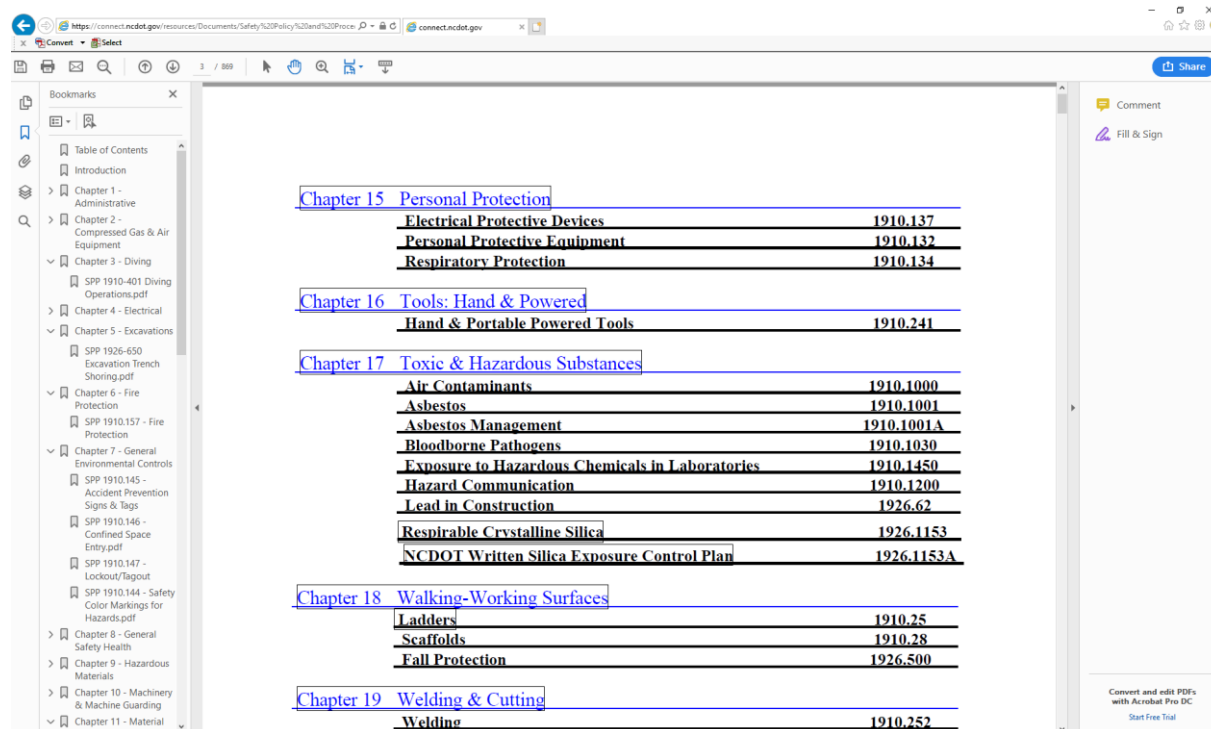
Finding the Written Exposure Control Plan

From the Inside NCDOT webpage, search for Silica



Finding the Written Exposure Control Plan

From the Inside NCDOT webpage, search for Silica



<u>Chapter 15 Personal Protection</u>	
Electrical Protective Devices	1910.137
Personal Protective Equipment	1910.132
Respiratory Protection	1910.134
<u>Chapter 16 Tools: Hand & Powered</u>	
Hand & Portable Powered Tools	1910.241
<u>Chapter 17 Toxic & Hazardous Substances</u>	
Air Contaminants	1910.1000
Asbestos	1910.1001
Asbestos Management	1910.1001A
Bloodborne Pathogens	1910.1030
Exposure to Hazardous Chemicals in Laboratories	1910.1450
Hazard Communication	1910.1200
Lead in Construction	1926.62
Respirable Crystalline Silica	1926.1153
NCDOT Written Silica Exposure Control Plan	1926.1153A
<u>Chapter 18 Walking-Working Surfaces</u>	
Ladders	1910.25
Scaffolds	1910.28
Fall Protection	1926.500
<u>Chapter 19 Welding & Cutting</u>	
Welding	1910.252

What should you do?

- If you recognize a hazard on a worksite
 - Inform the worker they may be at risk and putting others at risk
 - If the operation was being performed by a subcontractor, inform the Prime Contractor of the issue as well
 - Document in the daily diary, who you informed

New Silica Standard

- Organizations will be under scrutiny from regulatory agencies
- NCDOT's goal is to keep employees healthy, protected, and compliant in every activity they perform.

Questions?